String

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String slices

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let cat: &str = “Fluffy”;
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String slices are immutable

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String objects

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let dog = String::new();
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let dog = String::new();
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let mut dog = String::from(“Max”);
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String slices are immutable

String objects

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```
let mut dog = String::from(“Max”);
```

format!

```
format!(“Hi {} how are you”, “Mark”);
```

String methods

len

```
println!(“{}”, dog.len());                    // 3
```

String methods

len

```
println!(“{}”, dog.len());                // 6
```

push & push_str

```
dog.push(' ');
```

```
dog.push_str("the dog");
println!("{}", dog);                      // Max the dog
```

String methods

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```
println!(“{}”, dog.len());                    // 6
```

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dog.push(' ');
```

```
dog.push_str("the dog");
println!("{}", dog);                          // Max the dog
```

replace

```
let new_dog = dog.replace("the", "is my");
println!("{}", new_dog);                              // Max is my dog
```

String methods

Other methods:

- split
- split_whitespace
- chars